

Title (en)
COMPOSITION FOR TREATING DIABETES

Title (de)
ZUSAMMENSETZUNG ZUR BEHANDLUNG VON DIABETES

Title (fr)
COMPOSITION POUR LE TRAITEMENT DU DIABÈTE

Publication
EP 3369419 B1 20240828 (EN)

Application
EP 16859957 A 20161028

Priority
• JP 2016082066 W 20161028
• JP 2015214824 A 20151030

Abstract (en)
[origin: US2018214396A1] The treatment of diabetes mellitus with excellent hypoglycemic effect that suppresses lactic acidosis without substantially increasing the blood lactate concentration. A composition for treating diabetes mellitus with hypoglycemic effect that suppresses lactic acidosis without substantially increasing the blood lactate concentration, and the composition has branched-chain amino acids and salts of biguanide derivatives and derivatives of biguanide derivatives or branched-chain amino acids as the active components. The composition will be more effective when leucine, isoleucine, or valine is included as branched-chain amino acids, and metformin as the biguanide derivative.

IPC 8 full level
A61K 31/155 (2006.01); **A61K 31/198** (2006.01); **A61K 38/28** (2006.01); **A61K 45/06** (2006.01); **A61P 3/10** (2006.01)

CPC (source: EP KR RU US)
A61K 31/155 (2013.01 - EP KR RU US); **A61K 31/198** (2013.01 - EP KR RU US); **A61K 31/4439** (2013.01 - EP US);
A61K 38/1816 (2013.01 - EP US); **A61K 38/28** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 3/10** (2018.01 - EP KR RU US)

C-Set (source: EP US)
1. **A61K 31/155 + A61K 2300/00**
2. **A61K 31/198 + A61K 2300/00**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2018214396 A1 20180802; CA 3001662 A1 20170504; CA 3001662 C 20190409; CN 108348495 A 20180731; EP 3369419 A1 20180905;
EP 3369419 A4 20181031; EP 3369419 B1 20240828; EP 3369419 C0 20240828; JP 6250196 B2 20171220; JP WO2017073729 A1 20171026;
KR 102022682 B1 20190918; KR 20180051659 A 20180516; RU 2679602 C1 20190212; WO 2017073729 A1 20170504

DOCDB simple family (application)
US 201815939289 A 20180329; CA 3001662 A 20161028; CN 201680062505 A 20161028; EP 16859957 A 20161028;
JP 2016082066 W 20161028; JP 2016571755 A 20161028; KR 20187012578 A 20161028; RU 2018119948 A 20161028